

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A bicycle sealing assembly comprising:
a first dust cap configured and arranged to be attached to a rotational part of a bicycle;
a second dust cap configured and arranged to be attached to a fixed part of a bicycle;
a first sealing member disposed between the first dust cap and either the fixed part or the second dust cap to form a first seal therebetween; and
a second sealing member disposed between the second dust cap and either the first dust cap or the rotational part to form a second seal therebetween,
the first and second sealing members both being disposed completely axially inward from an outermost end surface of the second dust cap that faces axially away from a longitudinal center of the fixed part.
2. (Original) The bicycle sealing assembly as recited in claim 1, wherein
the first sealing member contacts a radially inwardly facing surface of the first dust cap; and
the second sealing member contacts a radially outwardly facing surface of the second dust cap.
3. (Original) The bicycle sealing assembly as recited in claim 1, wherein
the second dust cap includes an abutment portion contacting the second sealing member and arranged to prevent axial movement of the second sealing member along a contact surface of the second dust cap.
4. (Currently Amended) The bicycle sealing assembly as recited in claim 1, wherein
the first sealing member is configured and arranged to contact ~~contacts~~ a seal base nut that forms a portion of the fixed part of the bicycle.

5. (Original) The bicycle sealing assembly as recited in claim 1, wherein the first dust cap includes an inner portion extending in an axial direction; and the second dust cap includes an outer portion extending in an axial direction and arranged to overlap with the inner portion of the first dust cap.

6. (Currently Amended) A The bicycle sealing assembly as recited in claim 1, wherein comprising:
a first dust cap configured and arranged to be attached to a rotational part of a bicycle;
a second dust cap configured and arranged to be attached to a fixed part of a bicycle;
a first sealing member disposed between the first dust cap and either the fixed part or the second dust cap to form a first seal therebetween; and
a second sealing member disposed between the second dust cap and either the first dust cap or the rotational part to form a second seal therebetween,
the second sealing member being is press fitted on the first dust cap or the rotational part.

7. (Original) The bicycle sealing assembly as recited in claim 1, wherein the first sealing member is configured and arranged relative to the first dust cap, the fixed part of the bicycle and the second dust cap to float in an axial direction.

8. (Original) The bicycle sealing assembly as recited in claim 1, wherein the second sealing member includes an outer seal surface contacting the radially inwardly facing surface of the first dust cap and an inner seal surface contacting the radially outwardly facing surface of the second dust cap.

9. (Original) The bicycle sealing assembly as recited in claim 3, wherein the first sealing member includes an outer seal surface contacting the radially inwardly facing surface of the first dust cap.

10. (Original) The bicycle sealing assembly as recited in claim 9, wherein the first dust cap includes an inner portion extending in an axial direction with the radially inwardly facing surface formed thereon,

the second dust cap includes an outer portion extending in an axial direction with the radially outwardly facing surface formed thereon, and

the inner portion of the first dust cap being arranged to overlap with the outer portion of the second dust cap.

11. (Currently Amended) The bicycle sealing assembly as recited in claim 10, wherein

the inner portion of the first dust cap is located radially inwardly of ~~arranged below~~ the outer portion of the second dust cap.

12. (Original) The bicycle sealing assembly as recited in claim 1, wherein the first and second dust caps are made of a sheet metal material.

13. (Original) The bicycle sealing assembly as recited in claim 3, wherein the abutment portion has an angled abutment surface that is angled approximately thirty degrees relative to a line parallel to a center axis of the bicycle sealing assembly.

14. (Original) The bicycle sealing assembly as recited in claim 1, wherein the first sealing member contacts the first dust cap and the fixed part to form the first seal therebetween.

15. (Original) The bicycle sealing assembly as recited in claim 14, wherein the second sealing member contacts the second dust cap and the first dust cap to form the second seal therebetween.

16. (Original) The bicycle sealing assembly as recited in claim 1, wherein the second sealing member contacts the second dust cap and the first dust cap to form the second seal therebetween.

17. (Original) The bicycle sealing assembly as recited in claim 1, wherein the first sealing member contacts the first dust cap and second dust cap to form the first seal therebetween.

18. (Currently Amended) The bicycle sealing assembly as recited in claim ~~19~~ 47, wherein

the first sealing member contacts the first dust cap and second dust cap to form the first seal therebetween ~~the second sealing member contacts the second dust cap and the rotational part to form the second seal therebetween.~~

19. (Currently Amended) A ~~The~~ bicycle sealing assembly ~~as recited in claim 1,~~ wherein comprising:

a first dust cap configured and arranged to be attached to a rotational part of a bicycle;
a second dust cap configured and arranged to be attached to a fixed part of a bicycle;
a first sealing member disposed between the first dust cap and either the fixed part or the second dust cap to form a first seal therebetween; and
a second sealing member disposed between the second dust cap and either the first dust cap or the rotational part to form a second seal therebetween.

~~the second sealing member contacting~~ contacts the second dust cap and the rotational part to form the second seal therebetween.

20. (Currently Amended) A bicycle component comprising:
a fixed part with a center axis;
a rotatable part having an inner tubular surface forming a central passage, the fixed part being rotatably disposed within the central passage of the rotatable part; and
a bicycle sealing assembly disposed between the fixed part and the rotatable part, the bicycle sealing assembly including

a first dust cap coupled to the rotatable part,
a second dust cap coupled to the fixed part,
a first sealing member disposed between the first dust cap and
either the fixed part or the second dust cap to form a first seal
therebetween, and
a second sealing member disposed between the second dust cap
and either the first dust cap or the rotatable part to form a
second seal therebetween.

the first and second sealing members both being disposed completely axially inward from an outermost end surface of the second dust cap that faces axially away from a longitudinal center of the fixed part.

21. (Currently Amended) ~~A~~ The bicycle component ~~as recited in claim 20,~~
~~wherein comprising:~~

a fixed part with a center axis;
a rotatable part having an inner tubular surface forming a central passage, the fixed part being rotatably disposed within the central passage of the rotatable part; and
a bicycle sealing assembly disposed between the fixed part and the rotatable part, the bicycle sealing assembly including
a first dust cap coupled to the rotatable part,
a second dust cap coupled to the fixed part,
a first sealing member disposed between the first dust cap and
either the fixed part or the second dust cap to form a first seal therebetween, and
a second sealing member disposed between the second dust cap
and either the first dust cap or the rotatable part to form a second seal therebetween,

the fixed part being is a hub axle, and the rotatable part being is a freewheel.

22. (Original) The bicycle component as recited in claim 20, wherein the fixed part is a hub axle, and the rotatable part is a hub shell.

23. (Original) The bicycle component as recited in claim 20, wherein the first sealing member contacts a radially inwardly facing surface of the first dust cap; and
the second sealing member contacts a radially outwardly facing surface of the second dust cap.

24. (Original) The bicycle component as recited in claim 20, wherein the second dust cap includes an abutment portion contacting the second sealing member and arranged to prevent axial movement of the second sealing member along a contact surface of the second dust cap.

25. (Currently Amended) The bicycle component as recited in claim 20, wherein the first sealing member is configured and arranged to contact ~~contacts~~ a seal base nut that forms a portion of the fixed part of the bicycle.

26. (Original) The bicycle component as recited in claim 20, wherein the first dust cap includes an inner portion extending in an axial direction; and the second dust cap includes an outer portion extending in an axial direction and arranged to overlap with the inner portion of the first dust cap.

27. (Currently Amended) A ~~The bicycle component as recited in claim 20,~~
~~wherein comprising:~~
a fixed part with a center axis;
a rotatable part having an inner tubular surface forming a central passage, the fixed
part being rotatably disposed within the central passage of the rotatable part; and
a bicycle sealing assembly disposed between the fixed part and the rotatable part, the
bicycle sealing assembly including
a first dust cap coupled to the rotatable part,
a second dust cap coupled to the fixed part,
a first sealing member disposed between the first dust cap and
either the fixed part or the second dust cap to form a first seal
therebetween, and
a second sealing member disposed between the second dust cap
and either the first dust cap or the rotatable part to form a
second seal therebetween,
the second sealing member being ~~is~~ press fitted on the first dust cap or the rotational part.

28. (Original) The bicycle component as recited in claim 20, wherein the first sealing member is configured and arranged relative to the first dust cap, the fixed part of the bicycle and the second dust cap to float in an axial direction.

29. (Original) The bicycle component as recited in claim 20, wherein the second sealing member includes an outer seal surface contacting the radially inwardly facing surface of the first dust cap and an inner seal surface contacting the radially outwardly facing surface of the second dust cap.

30. (Original) The bicycle component as recited in claim 24, wherein the first sealing member includes an outer seal surface contacting the radially inwardly facing surface of the first dust cap.

31. (Original) The bicycle component as recited in claim 30, wherein the first dust cap includes an inner portion extending in an axial direction with the radially inwardly facing surface formed thereon,
the second dust cap includes an outer portion extending in an axial direction with the radially outwardly facing surface formed thereon, and
the inner portion of the first dust cap being arranged to overlap with the outer portion of the second dust cap.

32. (Currently Amended) The bicycle component as recited in claim 31, wherein the inner portion of the first dust cap is located radially inwardly of ~~arranged below~~ the outer portion of the second dust cap.

33. (Original) The bicycle component as recited in claim 20, wherein the first and second dust caps are made of a sheet metal material.

34. (Original) The bicycle component as recited in claim 24, wherein the abutment portion has an angled abutment surface that is angled approximately thirty degrees relative to a line parallel to a center axis of the bicycle sealing assembly.

35. (Original) The bicycle sealing assembly as recited in claim 20, wherein the first sealing member contacts the first dust cap and the fixed part to form the first seal therebetween.

36. (Original) The bicycle sealing assembly as recited in claim 35, wherein the second sealing member contacts the second dust cap and the first dust cap to form the second seal therebetween.

37. (Original) The bicycle sealing assembly as recited in claim 20, wherein the second sealing member contacts the second dust cap and the first dust cap to form the second seal therebetween.

38. (Currently Amended) The bicycle sealing assembly as recited in claim 20 ~~30~~, wherein the first sealing member contacts the first dust cap and second dust cap to form the first seal therebetween.

39. (Currently Amended) The bicycle sealing assembly as recited in claim 40 ~~38~~, wherein the first sealing member contacts the first dust cap and second dust cap to form the first seal therebetween ~~the second sealing member contacts the second dust cap and the rotational part to form the second seal therebetween.~~

40. (Currently Amended) A ~~The bicycle sealing assembly as recited in claim 20,~~ wherein comprising:
a fixed part with a center axis;
a rotatable part having an inner tubular surface forming a central passage, the fixed part being rotatably disposed within the central passage of the rotatable part; and
a bicycle sealing assembly disposed between the fixed part and the rotatable part, the bicycle sealing assembly including
a first dust cap coupled to the rotatable part,
a second dust cap coupled to the fixed part,

a first sealing member disposed between the first dust cap and
either the fixed part or the second dust cap to form a first seal
therebetween, and
a second sealing member disposed between the second dust cap
and either the first dust cap or the rotatable part to form a
second seal therebetween,
the second sealing member contacting ~~contacts~~ the second dust
cap and the rotational part to form the second seal
therebetween.